

POWER
FOR
PROFIT



 VERSATILE

975

VERSATILE[®] SERIES 3

Specifications refer to all model numbers unless otherwise stated.

ENGINE

Type: Cummins' Big Cam III inline 6 cylinder diesel

Model Number	Rated Engine HP
835 NT-855-A230 (turbocharged)	230 HP (172 kW)
875 NT-855-A280 (turbocharged)	280 HP (209 kW)
895 NTA-855-A310 (turbocharged and aftercooled)	310 HP (231 kW)
945 NTA-855-A335 (turbocharged and aftercooled)	335 HP (250 kW)
955 NTA-855-A350 (turbocharged and aftercooled)	350 HP (261 kW)
975 NTA-855-A360 (turbocharged and aftercooled)	360 HP (268 kW)

Oil capacity: 10.5 US gal. (39.7 L)

Coolant capacity:

835: 46 US qt. (43.5 L)

875: 47 US qt. (44.5 L)

895, 945, 955, 975: 61 US qt. (58 L)

Maximum fuel capacity: 185 US gal. (700 L)

Air cleaner: Dual element, dry type with pre-cleaner

DRIVE TRAIN

Transmission

Gear *: Versatile designed, mechanical transmission with 12 forward and 4 reverse speeds, constant mesh, independent lubrication system.

Oil capacity: 21.5 US qt. (20.3 L)

*excluding 955

Powershift: (955) 12 forward and 2 reverse speed full powershift.

Oil capacity: 50 US qt. (47.3 L)

Axles Type: outboard planetary

CLUTCH

Type *: Two plate dry type, wear compensating, mechanically activated. Safety start switch located on clutch pedal.

*excluding 955

BRAKES

Single disc and dual caliper, self-adjusting, driveline mounted, hydraulically activated.

HYDRAULICS

Type: Open centre

System pressure: 2,250/2,300 psi (15.51/15.86 MPa)

Pump capacity: Steering pump: 26.1 US GPM (1.65 L/s)

at 2 100 engine r/min.

Implement pump: 23.6 US GPM (1.49 L/s)

at 2 100 engine r/min.

Fluid capacity: 84 US qt. (79.5 L)

Remotes: 4 standard

ELECTRICAL SYSTEM

90 amp alternator (12 volt, negative ground)

Lamps: Two 60W headlights, six 50W halogen work lamps

CAB

Rollover protective structure, suspended pedals, tinted safety glass, side windows open for emergency exit, tilt/telescopic steering column.

Push button AM/FM stereo cassette radio, dual speakers

Heater and thermostatically controlled air conditioner

Air suspension seat

TIRES

18.4 x 38 R1 duals 24.5 x 32 R2 singles
 18.4 x 38 R2 duals 30.5 x 32 R1 singles
 18.4 x 38 R1 duals - radials 30.5 x 32 R2 singles

20.8 x 38 R1 singles 895, 945, 955, 975

20.8 x 38 R1 duals 24.5 x 32 R1 duals

20.8 x 38 R2 duals 24.5 x 32 R2 duals

20.8 x 38 R1 duals - radials 24.5 x 32 R1 duals - radials

24.5 x 32 R1 singles 24.5 x 32 R1 duals - radials

DIMENSIONS

Wheelbase: 130 in. (3 300 mm)

Overall length: 253 in. (6 430 mm)

Maximum operating weight:

835: 28,000 lbs. (12 700 kg)

875: 29,500 lbs. (13 380 kg)

895, 945: 32,500 lbs. (14 742 kg)

955, 975: 36,000 lbs. (16 329 kg)

Nominal turning radius to centreline of 72 in. (1 830 tread): 203.5 in. (5 170 mm)
 Nominal turning radius to outside of 20.8 x 38 R1 duals: 835, 875: 238 in. (6 070 mm)
 Nominal turning radius to outside of 24.5 x 38 R1 singles: 895, 945, 955, 975: 216 in. (5 490 mm)

OPTIONS

835, 875: 1,000 r/min. PTO independent live Front no-spin differential

All Models:

Operator controlled traction differential lock

Cat IVN convertible to CAT IIIW 3 PT hitch

Quick hitch

Cold start aid

Clutch decelerator (excluding 955)

875: 16 bolt axle for extra heavy draft loads

MODEL	TIRES	HEIGHT (to top of cab)	WIDTH (to outside of tires)
835, 875	20.8 x 38 R1 Duals	126.75 in. (3 200 mm)	142.7 in. (3 625 mm)
895, 945, 955, 975	24.5 x 32 R1 Duals	126.75 in. (3 200 mm)	152 in. (3 860 mm)

GROUND SPEEDS: at 2100 r/min. (24.5 x 32 R1 tires)

	835		875		895		945, 975		955	
	mph	km/h	mph	km/h	mph	km/h	mph	km/h	mph	km/h
Forward Gears:										
1	2.6 (4.2)	2.6 (4.2)	2.6 (4.2)	2.6 (4.2)	2.7 (4.3)	2.7 (4.3)	2.7 (4.3)	2.7 (4.3)	2.3 (3.7)	2.3 (3.7)
2	3.0 (4.8)	3.0 (4.8)	3.0 (4.8)	3.0 (4.8)	3.2 (5.1)	3.2 (5.1)	3.2 (5.1)	3.2 (5.1)	2.8 (4.5)	2.8 (4.5)
3	3.5 (5.7)	3.5 (5.7)	3.5 (5.7)	3.5 (5.7)	3.7 (5.9)	3.7 (5.9)	3.7 (5.9)	3.7 (5.9)	3.3 (5.3)	3.3 (5.3)
4	4.1 (6.6)	4.1 (6.6)	4.1 (6.6)	4.1 (6.6)	4.3 (6.9)	4.3 (6.9)	4.3 (6.9)	4.3 (6.9)	4.0 (6.4)	4.0 (6.4)
5	4.7 (7.6)	4.7 (7.6)	4.7 (7.6)	4.7 (7.6)	5.0 (8.0)	5.0 (8.0)	5.0 (8.0)	5.0 (8.0)	4.8 (7.7)	4.8 (7.7)
6	5.5 (8.9)	5.5 (8.9)	5.5 (8.9)	5.5 (8.9)	5.8 (9.3)	5.8 (9.3)	5.8 (9.3)	5.8 (9.3)	5.7 (9.1)	5.7 (9.1)
7	6.2 (10.1)	6.3 (10.0)	6.3 (10.0)	6.3 (10.0)	6.7 (10.7)	6.7 (10.7)	6.7 (10.7)	6.7 (10.7)	6.7 (10.8)	6.7 (10.8)
8	7.3 (11.7)	7.3 (11.7)	7.3 (11.7)	7.3 (11.7)	7.7 (12.3)	7.7 (12.3)	7.7 (12.3)	7.7 (12.3)	8.0 (12.9)	8.0 (12.9)
9	9.2 (14.8)	9.2 (14.8)	9.2 (14.8)	9.2 (14.8)	9.8 (15.7)	9.8 (15.7)	9.8 (15.7)	9.8 (15.7)	9.5 (15.3)	9.5 (15.3)
10	10.7 (17.2)	10.7 (17.2)	10.7 (17.2)	10.7 (17.2)	11.3 (18.2)	11.3 (18.2)	11.3 (18.2)	11.3 (18.2)	11.4 (18.3)	11.4 (18.3)
11	12.3 (19.8)	12.3 (19.8)	12.3 (19.8)	12.3 (19.8)	13.0 (21.0)	13.0 (21.0)	13.0 (21.0)	13.0 (21.0)	13.7 (22.0)	13.7 (22.0)
12	14.3 (23.0)	14.3 (23.0)	14.3 (23.0)	14.3 (23.0)	15.2 (24.5)	15.2 (24.5)	15.2 (24.5)	15.2 (24.5)	16.2 (26.0)	16.2 (26.0)
Reverse Gears:										
1	3.4 (5.5)	3.4 (5.5)	3.4 (5.5)	3.4 (5.5)	3.6 (5.8)	3.6 (5.8)	3.6 (5.8)	3.6 (5.8)	2.9 (4.7)	2.9 (4.7)
2	3.9 (6.2)	3.9 (6.2)	3.9 (6.2)	3.9 (6.2)	4.1 (6.6)	4.1 (6.6)	4.1 (6.6)	4.1 (6.6)	5.9 (8.0)	5.9 (8.0)
3	4.5 (7.2)	4.5 (7.2)	4.5 (7.2)	4.5 (7.2)	4.8 (7.7)	4.8 (7.7)	4.8 (7.7)	4.8 (7.7)		
4	5.2 (8.4)	5.2 (8.4)	5.2 (8.4)	5.2 (8.4)	5.5 (8.8)	5.5 (8.8)	5.5 (8.8)	5.5 (8.8)		

SPECIFICATIONS